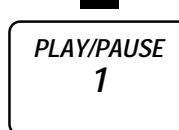


# LCD DISPLAYS & INDICATORS

Display	Description	Page	Display	Description	Page
<b>GREETING 1</b> <b>1-0</b> LINE 1 LINE 2	Announce Only	9	<b>GREETING 12</b> <b>1:45 PM</b> LINE 1 LINE 2	Line 1 and 2 On/Off	5
<b>GREETING 12 SCREEN OFF</b> <b>1:45 PM</b>	Call Screening Off	16	<b>GREETING 12</b> <b>12 3</b> LINE 1 LINE 2	Message Count for Each Line	10
<b>GREETING 12</b> <b>6 25</b>	Code Set	21	<b>GREETING 12</b> <b>1:45 PM FILE</b> LINE 1 LINE 2	Message File Messages Stored	15
<b>GREETING 12</b> <b>End</b> LINE 1 LINE 2	End of Message Playback	10-11, 13-15	<b>GREETING 12</b> <b>PAU</b> LINE 1 LINE 2	Pause Message Playback	12
<b>GREETING 1</b> <b>2 ERASE</b> LINE 1	Erase Individual Messages	14	<b>GREETING 12</b> <b>2 3 RECORDING</b> LINE 1 LINE 2	Recording Messages, Memos, Greetings, etc.	7, 20
<b>GREETING 12</b> <b>12:00 AM</b> LINE 1 LINE 2	Programming & Record Greetings	7-9	<b>GREETING 12</b> <b>End SAVE</b> LINE 1 LINE 2	Save All Messages	13
<b>GREETING 1</b> <b>Hd</b> LINE 2	Hold a Call	17-18	<b>GREETING 12</b> <b>1:45 PM</b> LINE 1 LINE 2	Setting Time/Day Stamp	6

## MESSAGE INDICATORS



1. OFF = off
2. ON (solid light) = On, no messages
3. Quick flashing = New messages
4. Slow flashing = Played and saved messages

## LINE-IN USE INDICATORS



1. Solid Green = Speakerphone in use
2. Flashing Green = On hold
3. Solid Red = Extension phone in use or on hold

# IMPORTANT FEATURE INFORMATION

## DIGITAL GREETING AND INCOMING MESSAGES

Greetings and incoming messages are recorded on a digital chip - reducing mechanical components and increasing reliability. The TA-180 allows a total of 28 minutes of combined recording time for greetings, incoming messages, recorded memos and recorded conversations.

Your all digital answering machine provides you with the following advantages:

1. Permanent Message Protection - does not require a battery during a power failure to maintain greetings, recorded messages and remote code.
2. Reliability. There are no moving parts to break. The use of electronic components effectively increases the life of your machine.
3. Operational Ease. There is no tape to rewind or entangle. You no longer have to worry about replacing worn or damaged tapes.
4. Instant Access™ to Messages. All messages are recorded digitally and therefore can be accessed instantly for playback. In addition, other features such as Variable Speed Playback™, Skip & Repeat and Selective Save & Erase are only possible on all digital machines.

NOTE:

- The audio quality of digitally recorded incoming messages and greetings may be subtly different than incoming messages and greetings recorded on a microcassette machine.

## VOICE ASSISTED OPERATION

A synthesized voice confirms machine functions and commands when operating and programming the TA-180 at the machine.

## ONE- OR TWO-LINE ANSWERING MACHINE

The TA-180 answers one or two phone lines and shows the message count for each line in the digital display. For total user control, the answering machine for each line can be turned on or off independently.

## TWO GREETINGS

Record one or two greetings, one for each line, or one for both lines. Greetings of unlimited length can be recorded up to the maximum recording capacity of the TA-180. This allows you to record lengthy detailed outgoing messages for your callers if you desire.

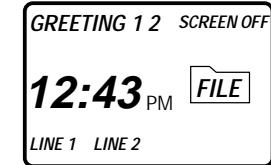
## MESSAGE FILE

Message File offers a convenient way to store important messages, long messages or to separate messages for business, personal use or for other users.

## MULTIFUNCTIONAL DISPLAY

The Display shows:

- the time (if no messages are recorded)
- the number of messages received on each line
- active line for answering machine
- machine status: recording, announce only mode, etc.
- greeting mode
- message file icon (if messages are transferred)
- save and erase indicators



## VOICE TIME/DAY/LINE STAMP

During message playback at the machine or via remote operation, a synthesized voice announces the time, day and the line for each message.

## ONE-TOUCH CONTROLS

Many of the features of the TA-180 are activated by pressing a single button. There are no complicated instructions to remember.

## REMOTE OPERATION WITH VOICE MENU

Use the programmable 3-digit remote access code to operate the TA-180 remotely from most touchtone and cellular phones.

## SHORT BURST/CELLULAR COMPATIBLE

This answering machine is compatible with short burst phones such as pay phones, car phones and other cellular phones. You can use a short burst phone to access the unit in remote operation.

## SIMULTANEOUS ANSWERING OF BOTH LINES

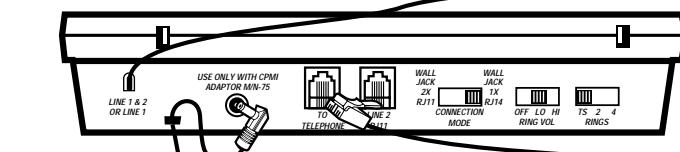
If either line is in use on the Speakerphone or busy recording a message, a special message will be announced to the calling party on the other line to indicate the busy status of the TA-180. The second calling party will hear, *"Hello. Thank you for calling. Your call will be answered shortly."* This message will be repeated every ten seconds until the first line is no longer in use. The greeting will play and the second calling party can then record a message.

# 4 INITIAL SETUP

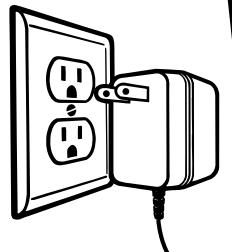
## INSTALLATION FOR CONNECTING TO A SINGLE TWO-LINE WALL JACK

The TA-180 is designed to work with your existing telephone wiring, whether you have one or two telephone lines, or one or two wall jacks.

The **drawings and instructions** on this page describe the most common 2-line connection which connects your answering machine to two telephone lines using a single jack (RJ14).



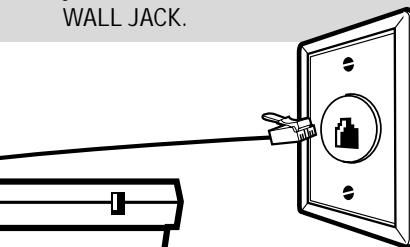
**3** Connect the AC ADAPTER PLUG into the AC ADAPTER OUTLET on the back of the unit. Loop the AC ADAPTER CORD through the AC ADAPTER CORD HOLDER to prevent accidental disconnection and messages from being erased.



**5** Plug the AC ADAPTER into an ELECTRICAL WALL OUTLET. The indicators and display will flash.

**1** If needed, set the WALL JACK CONNECTION SWITCH (located on the back of the unit) to "1 X RJ14."

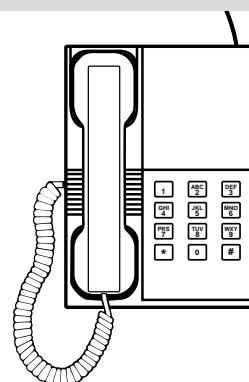
**2** Plug the TELEPHONE CORD that is attached to the back of the unit into your RJ14 TWO-LINE TELEPHONE WALL JACK.



**4** Connect your two-line telephone to the jack on the back of the unit labeled "TO TELEPHONE."

NOTE:

- If you connect a single-line telephone, it will only operate Line 1.



## CONNECTING TO TWO SINGLE-LINE WALL JACKS

If you have two separate wall jacks for two telephone lines, you may connect them to the TA-180 with two telephone cords. Refer to page 27 for connection instructions.

## CONNECTING TWO SINGLE-LINE TELEPHONES

If you wish to use single line telephones, you may connect them to each wall jack to allow 2-line telephone capability.

Refer to page 28 for connection instructions.

## RING SELECT

The RING SELECT SWITCH is located on the back of the unit. The unit is shipped with this switch set to "4." Set it to 2, 4 or TS (tollsaver) according to the following:



1. When set to "2" the answering machine answers calls on the second or third ring.
2. When set to "4" the answering machine answers calls on the fourth or fifth ring.
3. When set to "TS" (tollsaver) the answering machine helps eliminate unnecessary toll charges by letting you know if there are any new messages before it answers.

When you call in to retrieve messages in remote operation, the TA-180:

- Answers on the second or third ring if there are new messages.
- Answers on the fourth or fifth ring if there are no new messages.

When you call your machine to retrieve messages in remote operation, you will know there are no new messages if the unit does not answer by the third ring. Hang up before the fourth ring to avoid an unnecessary toll charge.

## RINGER VOLUME

The RINGER VOLUME SWITCH (located on the back of the unit) controls the ringer volumes for incoming calls on both lines. The RINGER VOLUME SWITCH is factory preset to "HI." Each line has a unique ringer sound to allow you to differentiate the two lines.

HI = Loud  
LO = Suppressed volume  
OFF = The ringers are turned off.



## ANSWERING MACHINE ON/OFF FOR EACH LINE

Press **ON/OFF** (under the lid) for Line 1 and/or Line 2 to turn the answering machine on and off, independently by line. The display, clock and speakerphone will continue to operate even if the answering machine is off, but the machine will not play greetings or record messages. The red MESSAGE INDICATOR will light and "LINE 1" and/or "LINE 2" will appear in the display for each answering machine line that is turned on.

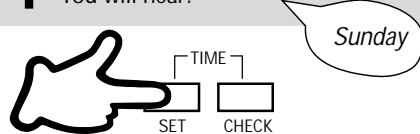


# 6 TIME/DAY STAMP

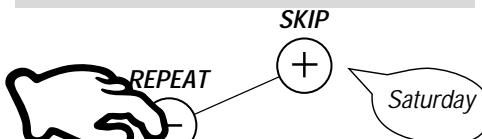
## SET VOICE TIME/DAY STAMP

During message playback, a synthesized voice will announce the current time and day of the week. To set the current time and day of the week:

1 Press **TIME SET** (under the lid). You will hear:



2 Press **SKIP/+** or **REPEAT/-** until the correct day is announced.



3 Press **TIME SET** again to set the hour. "12:" will flash in the display and you will hear:



4 Press **SKIP/+** to advance or **REPEAT/-** to reverse the hour. The hour setting will appear in the display.

**GREETING 1 2**

**4:00 PM**

5 Press **TIME SET** again to set the minutes. ".:00" will flash in the display.

*Enter minute.*

6 Press **SKIP/+** to advance or **REPEAT/-** to reverse the minutes.

7 Press **TIME SET** again to end. The day and time will be announced and time set is complete.

*Saturday,  
4:32 p.m.*

### NOTES:

- If the time and day have not been set, all messages will be stamped with "Sunday 12:00 a.m."
- When experiencing a power failure, the TA-180 will maintain the clock function for up to 20 minutes. After 20 minutes, the clock reverts to the factory default setting of Sunday, 12:00 a.m., and "12:00 AM" will flash in the display. All other stored information including greetings and incoming messages, remote access code, and other machine settings will be saved and normal operation will resume when power is restored.

## TIME CHECK

In addition to the display clock, a synthesized voice announces the time and day. Press **TIME CHECK** (under the lid.) You will hear the current time and day setting. If the time and day are not set, "Sunday 12:00 a.m." will be announced.



# RECORDING GREETINGS

You can record one or two greetings and use one of three greeting modes as discussed on page 8.

## RECORD GREETING 1

1 Adjust the **VOLUME CONTROL** to about the halfway point.



2 Press **GREETING RECORD** (under the lid). You will hear:



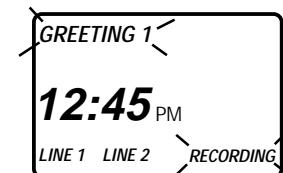
*Press one for  
greeting one. Press  
two for greeting two.*

3 Press **PLAY/PAUSE 1**.



*Record new  
greeting one.*

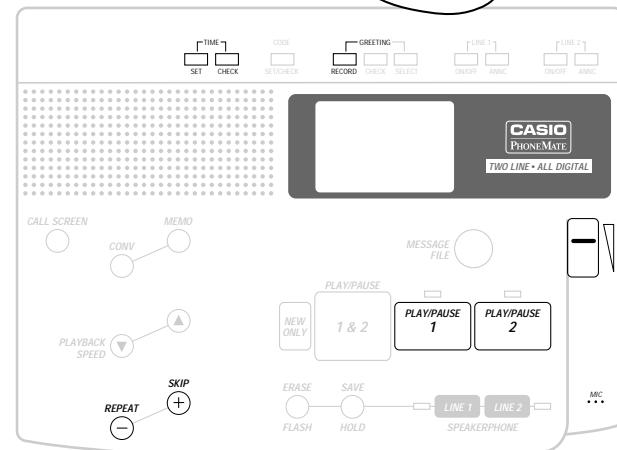
4 When "RECORDING" flashes in the display, begin speaking clearly, 6-8" away from the microphone (lower right corner of machine). Your greeting must be at least 3 seconds long or the pre-recorded greeting, "Please record a message after the tone," will play.



5 Press **GREETING RECORD** again to end the recording. Your recorded greeting will automatically replay.

### NOTES:

- The volume control does not affect the volume of the greeting that is played to callers over the phone line. It controls only the volume of messages played back, greeting check and the caller's voice when using the speakerphone.
- The TA-180 indicates if no greeting has been recorded for Greeting 1 or Greeting 2 by flashing the "1" or "2" in the display.



## RECORD GREETING 2

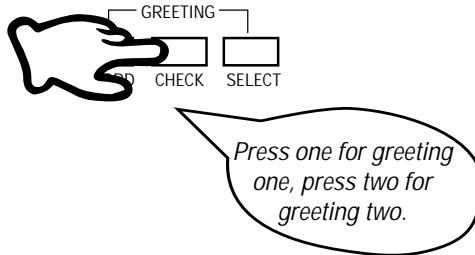
To record Greeting 2, repeat steps 1-5 above with the exception of pressing **PLAY/PAUSE 2** in step 3.

# 8 PROGRAMMING & RECORDING

## CHECK GREETINGS

You can listen to any of your recorded greetings anytime.

- 1 Press **GREETING CHECK** (under the lid). You will hear:

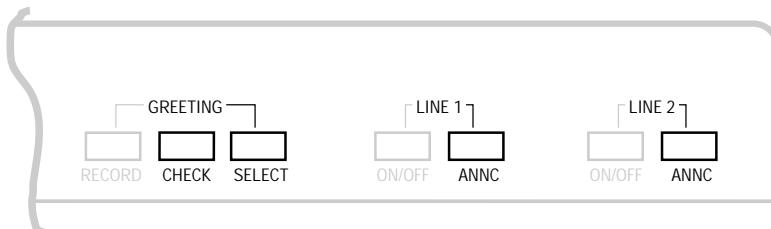


- 2 Press **PLAY/PAUSE 1** or **PLAY/PAUSE 2** to select the desired greeting. Your greeting will be replayed.



## NOTES:

- The TA-180 indicates if no greeting has been recorded for Greeting 1 or Greeting 2 by flashing "1" or "2" in the display.
- If no greeting is recorded, you will hear: "No greeting one (two)." Callers will hear "Record new message after the tone," if no greeting is recorded.



## SELECT GREETING MODE

The greeting mode in the TA-180 is pre-set to "Greeting Mode 1." The TA-180 has three greeting modes:

### Greeting Mode 1:

Greeting 1 answers Line 1,  
Greeting 1 answers Line 2

### Greeting Mode 2:

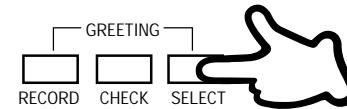
Greeting 2 answers Line 1,  
Greeting 2 answers Line 2

### Greeting Mode 3:

Greeting 1 answers Line 1,  
Greeting 2 answers Line 2

## CHANGING THE GREETING MODE

Press **GREETING SELECT** (under the lid) until the display shows the correct greeting mode. Each time you press **GREETING SELECT**, you will change to the next greeting mode. An audio message will confirm each mode as it is selected.



## GREETINGS (CONT.)

### GREETING MODE 1

This mode plays Greeting 1 to both lines.

**GREETING 1**

### GREETING MODE 2

This mode plays Greeting 2 to both lines.

**GREETING 2**

### GREETING MODE 3

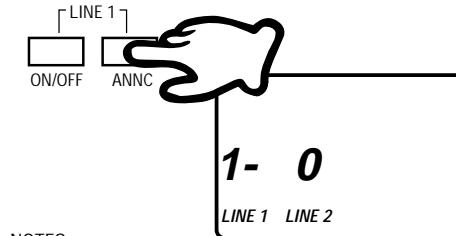
This mode sets the TA-180 to deliver a different greeting for each line. One common application of this mode is to use Greeting 1 for your personal callers and Greeting 2 for your business callers or another person in the home or office.

**GREETING 1 2**

## ANNOUNCE ONLY FOR EACH LINE

The Announce Only feature allows you to provide callers with information, such as business hours of operation when you do not want to receive recorded messages. The machine will play a greeting but will not record incoming messages.

- 1 Press **ANNC** (announce only) under the lid for Line 1 or Line 2. You will hear a beep and "1-" or "2-" will appear in the display to indicate that announce only is activated for Line 1 and/or Line 2.



## NOTES:

- The clock display will not appear when announce only is activated on either line, but the TA-180 will maintain the internal clock.
- Memos and conversations can still be recorded at the machine when announce only is activated on either line or both lines.
- It is recommended that you inform callers in your greeting that the unit will not record messages.

## PRE-RECORDED GREETING

If greetings are not recorded, the caller will hear the following pre-recorded message on both lines: "Please record a message after the tone."

## BYPASS GREETING

Frequent callers can skip your greeting when they call to leave a message. Instruct them to press # on their touchtone keypad any time during the greeting.

## DEACTIVATE ANNOUNCE ONLY

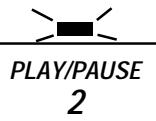
- 1 Press **ANNC** (under the lid) and you will hear a beep. "1-" or "2-" will disappear from the display and the message count for each line will reappear if messages are recorded.

# 10 PLAYING MESSAGES

## MESSAGE INDICATORS

The TA-180 has a red MESSAGE INDICATOR for each line. Each MESSAGE INDICATOR has four settings:

1. OFF = The TA-180 machine is off.
2. ON (solid light) = The machine is on for line 1 or 2 and there are no new or saved messages for that line.
3. Quick flashing = New messages have been received and not yet played for that line.
4. Slow flashing = Messages have been played and saved for that line.



## NOTE:

- The MESSAGE INDICATORS do not indicate messages that may be stored in Message File. When messages are stored in Message File, the message file icon will appear in the display.

## PLAY NEW MESSAGES BY LINE

The digital display shows the total number of messages received on each line (not including messages stored in Message File). The MESSAGE INDICATORS flash quickly to alert you that new messages have been received and not yet played.

GREETING 1 2

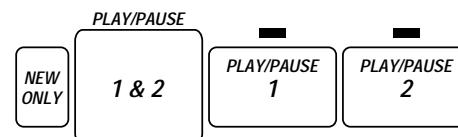
4 3

LINE 1 LINE 2

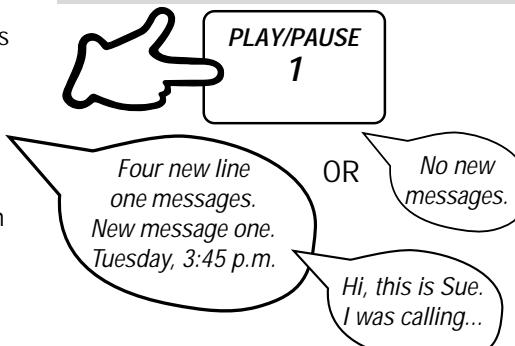
- 1 To listen to only new messages for a specific line, press **NEW ONLY**. You will hear:



Press 1 or 2.

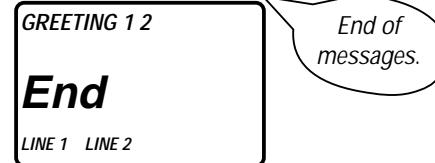


- 2 Press **PLAY/PAUSE 1** or **PLAY/PAUSE 2**. You will hear either:



1

- 3 After the end of the last message, "End" will appear in the display for several seconds and you will hear:



## NOTES:

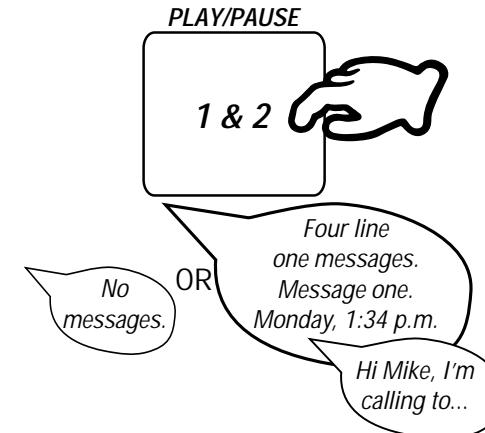
- If the time and day have not been set, all messages will be stamped with "Sunday 12:00 a.m."
- TA-180 will not answer calls during message playback. The LINE 1 or LINE 2 SPEAKERPHONE INDICATOR will intermittently flash red indicating an incoming call. You may answer calls with SPEAKERPHONE. All messages are saved.
- Pressing **NEW ONLY** and then **PLAY/PAUSE 1 & 2** will play all new messages starting with Line 1, then Line 2, in the order they were received.
- If Line 1 message count exceeds 19 messages, "OVER" will be displayed.

## PLAY ALL MESSAGES - BOTH LINES COMBINED

The MESSAGE INDICATORS will either flash slowly when messages have been played and saved or flash quickly to indicate that new messages have been received. The total number of new and saved messages for each line (not including Message File) will appear above LINE 1 and LINE 2 in the display.

1

Press **PLAY/PAUSE 1 & 2** to replay all new and saved messages for both lines. You will hear either:



2

All messages are played in the order received starting with Line 1 messages. The line will be announced once before playing all messages on each line and each message will be identified by number, time and day.

3

After the end of the last message, "End" will appear in the display for several seconds and you will hear:

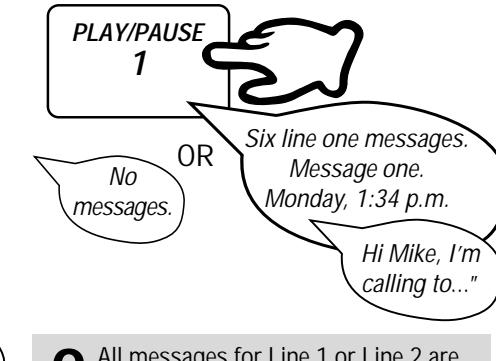
End of messages.

## PLAY MESSAGES LINE BY LINE

The MESSAGE INDICATORS will either flash slowly when messages have been played and saved or flash quickly to indicate that new messages have been received. The total number of new and saved messages for each line (not including Message File) will appear above LINE 1 and LINE 2 in the display.

1

Press either **PLAY/PAUSE 1** or **PLAY/PAUSE 2** to play all new and saved messages for each line separately. You will hear either:



2

All messages for Line 1 or Line 2 are played in the order received and the individual message number is displayed during playback. The line will be announced once before playing all messages and each message will be identified by number, time and day.

3

After the end of the last message, "End" will appear in the display for several seconds and you will hear:

End of messages.

# 12 PLAYING MESSAGES (CONT.)

## REPEAT

You can repeat a message.

- 1 Press **REPEAT** during message playback to replay the message. The message number will be announced and the message will replay.



## SKIP BACKWARD

Skip backward - message by message.

- 1 Press **REPEAT** twice to skip back to a previous message. The message number will be announced and the message you skipped to will play.



- 2 Press **REPEAT** twice every time you want to skip back to a previous message.

## SKIP FORWARD

You can skip forward through messages.

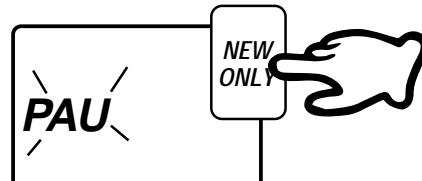
- 1 Press **SKIP** while the message plays to forward to the next message. The message number will be announced and the next message will play.



## PAUSE MESSAGE PLAYBACK

You can temporarily pause message playback for up to 5 minutes while operating any playback button.

- 1 Press **PLAY/PAUSE 1&2**, **PLAY/PAUSE 1**, or **PLAY/PAUSE 2** which corresponds to the line(s) you are playing. "PAU" will flash in the display to indicate the TA-180 is pausing message playback. You have two options during pause:



Press the same playback button again

- 2 (**PLAY/PAUSE 1&2**, **PLAY/PAUSE 1**, or **PLAY/PAUSE 2**) to resume listening to the message.  
OR



Leave

- 2 the TA-180 in pause mode. It will automatically reset to answer calls after 5 minutes. All messages will be saved.

### NOTE:

- TA-180 will not answer calls in the pause mode. The ringer will be disabled, but the LINE 1 or LINE 2 SPEAKERPHONE INDICATOR will intermittently flash indicating an incoming call. You may answer calls with the speakerphone and cancel pause and playback.

## VARIABLE SPEED PLAYBACK™

Variable Speed Playback™ allows you to play your messages 50% faster or 50% slower than normal. You can switch between slow, fast or normal speed during message playback of any message including Message File.

### Slow Playback:

From normal playback, press **PLAYBACK SPEED ▼**. The TA-180 will play your message 50% slower than normal.

### Fast playback:

From normal playback, press **PLAYBACK SPEED ▲**. The TA-180 will play your message 50% faster than normal.

### Normal Playback:

To return to normal playback speed from slow playback mode, press **PLAYBACK SPEED ▲** once. To return to normal playback from fast playback mode, press **PLAYBACK SPEED ▼** once.

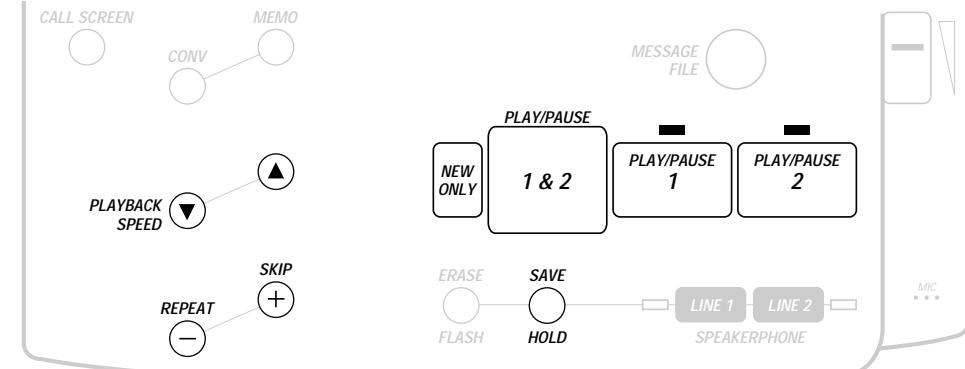
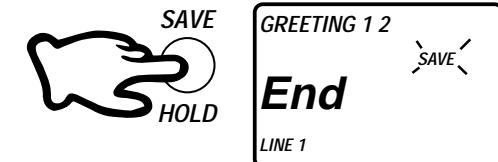


## AUTOMATIC SAVE

If you do not press **SAVE/HOLD** or **ERASE/FLASH** while listening to messages or after playing them, the TA-180 will automatically save all messages. You will hear, "End of Messages." The total message count will appear in the display for each line.

## SAVE ALL MESSAGES

If you wish to manually save all messages (for example, if you wish to cancel erase of individual messages), press **SAVE/HOLD** within seven seconds after hearing "End of messages" or after pressing **ERASE/FLASH**. You will hear a beep and "SAVE" will appear in the display for several seconds to confirm that messages have been saved. The total message count will appear in the display for each line and you will hear, "Save messages."

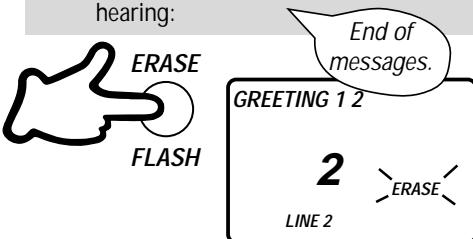


# 14 ERASING MESSAGES

## ERASE INDIVIDUAL MESSAGES

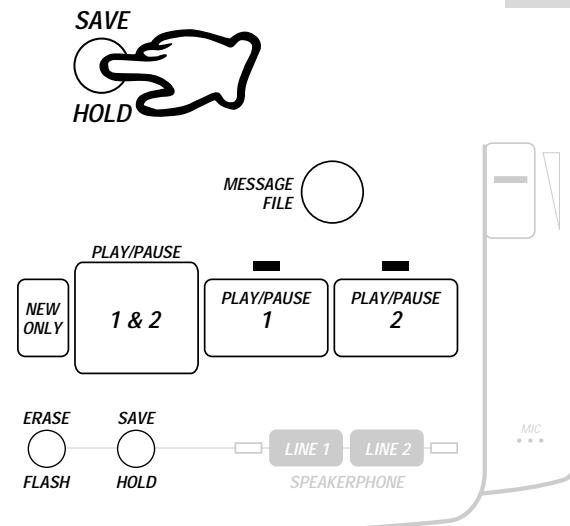
You can selectively erase specific messages during playback.

- 1 Press **ERASE/FLASH** while listening to a specific message. You will hear a beep, "ERASE" will flash in the display, and the individual message will be deleted seven seconds after hearing:



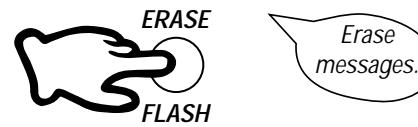
If you change your mind and decide to save the message:

- 1 Press **SAVE/HOLD** while listening to the message or within seven seconds after hearing "End of messages."



## ERASE ALL MESSAGES

- 1 Press **ERASE/FLASH** within seven seconds of seeing "End" in the display and hearing "End of messages" to erase all messages for LINE 1 or LINE 2. You will hear a beep and "ERASE" will appear in the display for several seconds to confirm messages were erased.



If you change your mind and decide to save all messages for that line:

- 1 Press **SAVE/HOLD** within seven seconds after pressing **ERASE/FLASH**. You will hear a beep and "SAVE" will appear in the display for several seconds to confirm messages were saved.



### NOTE:

- When playing all messages for Line 1 and Line 2 (PLAY/PAUSE 1&2), pressing **ERASE/FLASH** after hearing "End of messages" will erase all messages from both lines.

# MESSAGE FILE STORAGE

Message File offers a convenient way to store important messages, long messages or to separate messages for business, personal use or for other users.

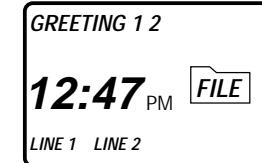
## FORWARD MESSAGE TO MESSAGE FILE

You may store any recorded message, memo or conversation in Message File. To store a recorded message into Message File:

- 1 Press **NEW ONLY, PLAY/PAUSE 1&2, PLAY/PAUSE 1, or PLAY/PAUSE 2** to playback your messages.



- 2 Press **MESSAGE FILE** during message playback. You will hear a beep and the message will be forwarded to Message File. The Message File icon will flash in the display. The TA-180 will automatically jump to the next message and continue message playback.



### NOTE:

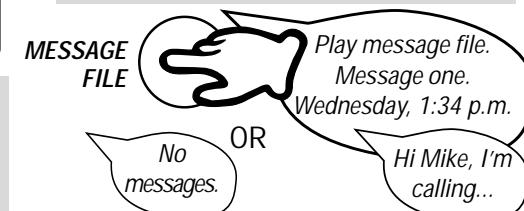
- If a message is forwarded to Message File and **SAVE** is pressed at the end of message playback, a copy of the forwarded message will be saved in Line 1 or Line 2 and in Message File.

## PLAY ALL MESSAGES IN MESSAGE FILE

The Message File icon (a file folder shape) will appear in the display if messages are stored in this location. When playing messages in Message File, you can utilize all the convenient playback features such as: Skip/Repeat, Variable Speed Playback™, and Selective Save and Erase.

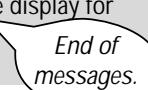
To playback messages in Message File:

- 1 Press **MESSAGE FILE**. The number of messages stored in Message File will appear briefly and all messages stored in this location will be played. You will hear:



- 2 Messages are played in the order received and the individual Message File number is displayed during playback.

- 3 After the end of the last message, "End" will appear in the display for several seconds and you will hear:



To: SKIP/REPEAT messages in Message File, refer to page 12  
PAUSE messages in Message File, by pressing **MESSAGE FILE**. Press it again to resume playback.  
VARIABLE SPEED PLAYBACK™ messages in Message File, refer to page 13  
SAVE/ERASE messages in Message File, refer to pages 13 & 14

# 16 CALL SCREENING & SPEAKER PHONE

## CALL SCREENING

Call Screening allows you to hear who is calling before you decide to speak with the caller. The CALL SCREEN button turns call screening on or off. When Call Screening is off, "SCREEN OFF" appears in the display.

When Call Screening is on and a call comes in, you will hear the greeting and the caller leaving a message through the speaker.

If you wish to speak with the caller:

- 1 Press **LINE 1** or **LINE 2 SPEAKERPHONE** to answer the call for a hands-free conversation.



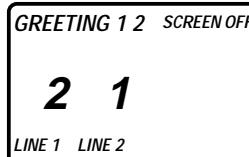
OR

- 1 Select **LINE 1** or **LINE 2** on the two-line telephone connected to the TA-180.

If you do not wish to speak with the caller, the TA-180 continues recording the caller's message.

## CALL SCREENING OFF

To turn call screening off, press **CALL SCREEN**.



- SCREEN OFF appears in the display.
- Your phone will ring and the TA-180 will answer the call, but you will not hear the caller leaving a message through the speaker.

## ANSWERING A CALL DURING PLAYBACK

If you receive an incoming call during message playback, press **LINE 1** or **LINE 2 SPEAKERPHONE** to answer the call or pick up any extension phone and speak with the caller. Message playback will stop and all messages will be saved automatically.

## USING THE 2-LINE SPEAKERPHONE TO ANSWER A CALL

The speakerphone allows you to answer calls and work while talking, hands-free.

- 1 Press **LINE 1** or **LINE 2 SPEAKERPHONE** when you receive a call. The SPEAKERPHONE INDICATOR will light solid green.



- 2 Begin speaking 2-3 feet from the microphone.

- 3 Press **LINE 1** or **LINE 2 SPEAKERPHONE** after you finish speaking to hang up.

### Speakerphone Helpful Hints:

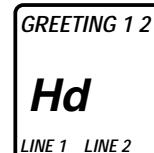
- One person at a time should speak while using the speakerphone.
- Reduce or eliminate background noise such as radio or television.
- Do not use an extension phone and speakerphone at the same time.

## HOLD CALL

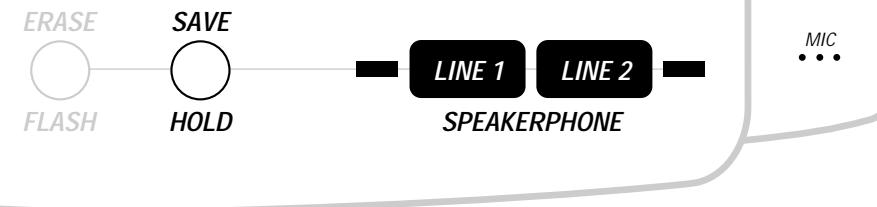
You may place a call on hold while using the speakerphone.

To place a call on hold while using the Line 1 or Line 2 speakerphone:

- 1 Press **SAVE/HOLD**. The green LINE IN USE INDICATOR will start to blink.



- 2 Move to another room and pick up any extension phone on the same line as the call. The TA-180 will automatically take the call off hold.



## RELEASING HOLD

- 1 Press **LINE 1** or **LINE 2 SPEAKERPHONE** to take the call off hold.



OR

- 1 Pick up any extension phone on the same line.

- 2 The SPEAKERPHONE INDICATOR will light solid green if the speakerphone is used or light solid red if an extension phone is used.

### NOTE:

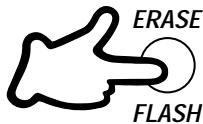
- Any call left on hold for 5 minutes will be automatically disconnected.

# 18 SPEAKERPHONE (CONT.)

## FLASH/CALL WAITING

If you subscribe to a call waiting service and you receive another call while using the speakerphone:

- 1 Press **ERASE/FLASH** to answer the second call and automatically place the original caller on hold.



- 2 Press **ERASE/FLASH** again to return to the first call. You can switch between the two calls until one of the callers hangs-up.

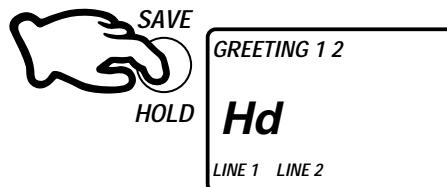
## NOTE:

- FLASH may also be used on a business phone system (CENTREX, PBX) for transferring calls to other extensions.

## ANSWERING THE 2ND LINE WHILE USING LINE 1 SPEAKERPHONE

You may answer the 2nd line using the speakerphone by placing the 1st caller on hold. For example, to answer a Line 2 call during a Line 1 speakerphone conversation:

- 1 Press **SAVE/HOLD** to place the 1st caller on hold.



- 2 Press **LINE 2 SPEAKERPHONE** to answer the 2nd line.



If you wish to return to the Line 1 call:

- 1 Press **SAVE/HOLD** to place the Line 2 call on hold.
- 2 Press **LINE 1 SPEAKERPHONE** to automatically release the hold and speak with the Line 1 caller.

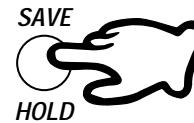
## NOTES:

- You must press **SAVE/HOLD** to place a call on hold before answering a call on the other line.
- You may pick up any extension phone on the same line to release the hold. The TA-180 will automatically release the hold, allowing you to speak with the caller.
- The second line will not ring while you are using the first line speakerphone, but the LINE 2 SPEAKERPHONE INDICATOR will flash red.

## SWITCH FROM SPEAKERPHONE TO AN EXTENSION PHONE

While using the speakerphone:

- 1 Press **SAVE/HOLD** to place the caller on hold.



- 2 Pick up the extension phone, and begin speaking.

- 3 The LINE 1 (LINE 2) SPEAKERPHONE INDICATOR will blink green to indicate the line is holding and then light solid red to indicate an extension phone in use.



## SWITCH FROM AN EXTENSION PHONE TO SPEAKERPHONE

While using an extension phone:

- 1 Press **LINE 1 OR LINE 2 SPEAKERPHONE**. The LINE 1 (or LINE 2) SPEAKERPHONE INDICATOR will change from solid red to solid green to indicate SPEAKERPHONE in use.



- 2 Hang up the extension phone and begin speaking.

NOTE:  
■ If you use the speakerphone and an extension phone at the same time, you may hear a howling noise. Lower the volume on the TA-180 to eliminate the noise.

## EXTENSION PHONE PICK UP

If the TA-180 has answered a call, Extension Phone Pick Up allows you to stop the answering machine from any extension phone (connected to the same line) and speak with the caller without having to go to the machine to turn it off.

- 1 Answer the call on the correct line.

- 2 The TA-180 automatically stops playing the greeting or recording an incoming message and allows you to speak with the caller.

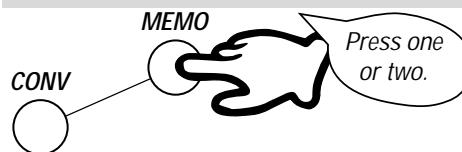
# 20 MEMO & CONVERSATION RECORD

## RECORD A MEMO

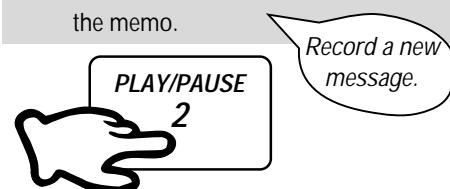
Use memo record to leave a memo for yourself, another household member or an associate.

To record a memo:

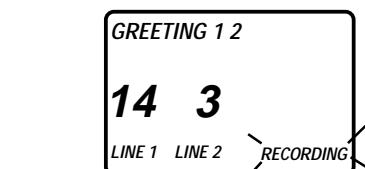
1 Press **MEMO**. A beep confirms your action and you will hear:



2 Press **PLAY/PAUSE 1** or **PLAY/PAUSE 2** to select where to store the memo.



3 When "RECORDING" flashes in the display, begin speaking 6-8" away from the microphone located on the bottom right. A memo can be recorded up to 5 minutes in length.



4 Press **MEMO** again to stop recording. The memo is recorded in order with other incoming messages and is stamped with the time and day.

## RECORD A CONVERSATION

Record all or portions of important telephone calls using the speakerphone.

NOTE: In certain areas, it is unlawful and may lead to criminal penalties to record any telephone conversation without prior consent of all parties.

To record a conversation:

1 Adjust the **VOLUME SLIDE CONTROL** to the midpoint.

2 Press **CONV** any time during a speakerphone conversation. A beep confirms your action.

3 When "RECORDING" appears in the display, the TA-180 automatically begins recording the telephone conversation on the line being used.

4 To stop recording, press **CONV** again. Recorded conversations are stamped with the time and day that they were recorded.

NOTE:

- You must press LINE 1 or LINE 2 SPEAKERPHONE to disconnect the TA-180 from the line after recording a conversation.

## PLAY, SAVE, & ERASE MEMOS OR CONVERSATIONS

Recorded memos and conversations are played along with the incoming messages in the order in which they were recorded. All playback control features are available as with other recorded messages.

# REMOTE OPERATION

Many features of the TA-180 are accessible from a remote telephone. You can use remote operation from most touchtone or cellular phones to retrieve, replay, erase and save messages. Additionally, you may record new greetings, change the greeting mode, record messages, play message file messages while remotely accessing your machine.

3 Press **SKIP** or **REPEAT** to select the first digit of the remote access code.



**GREETING 1 2**

**6 23**

4 Press **CODE SET/CHECK** again. You will hear:

*Set code digit two.*

5 Press **SKIP** or **REPEAT** to select the second digit of the remote access code.



**GREETING 1 2**

**6 53**

6 Press **CODE SET/CHECK** again. You will hear:

*Set code digit three.*

7 Press **SKIP** or **REPEAT** to select the third digit of the remote access code.



**GREETING 1 2**

**6 52**

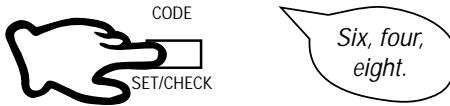
8 Press **CODE SET/CHECK** again. Your newly programmed code will be announced and appear in the display for several seconds before resuming normal operation.

*Set code digit one.*

# 22 REMOTE OPERATION (CONT.)

## CHECK REMOTE ACCESS CODE

1 Press **CODE SET/CHECK** (under the lid) once to check your remote access code. You will hear your personalized remote access code:



Six, four, eight.

## BYPASS GREETING

You can skip your greeting when calling in remotely to check messages. Press **#** on the touchtone keypad during the greeting.



## REMOTE MESSAGE RETRIEVAL

1 Call your answering machine from most cellular phones, pay phones, or touchtone phones. The TA-180 is short-burst compatible and will recognize the short duration tones emitted from touchtone and cellular phones.

2 Enter your **3-DIGIT REMOTE ACCESS CODE** immediately after the beep.

3 Depending on the number of new messages, you will hear:



4 The TA-180 will playback Line 1 new messages followed by Line 2 new messages. After new messages have played, you will hear, *"End of messages."* The remote voice menu will play. Select a remote option or hang up.

NOTES:

- You may hang up at any time and the TA-180 will automatically save all messages, unless you have already erased them.
- Line 1 messages are played first when accessing the TA-180 remotely unless there are no messages recorded in Line 1.

## SKIP BACKWARD

You can skip backwards to listen to previous messages.

1 Press **\*** twice to skip back to previous messages during playback.



Note:

- You cannot skip backward once *"End of Messages"* is announced.

## SKIP FORWARD

You can skip forward through messages.

1 Press **#** to forward to the next message.



NOTE:

- You cannot skip backward once *"End of messages"* is announced.

## REPLAY ALL MESSAGES

Replay all messages from a remote location after new messages have been automatically played back.

1 Press **1** on the telephone keypad after hearing *"End of messages"* or during the remote voice menu. You will hear:



2 All saved messages will play in order or message receipt, starting with Line 1 messages, then Line 2 messages. You may select another option or hang up and the TA-180 will automatically save all messages.

NOTE:

- Enter **0** at any time during the remote menu to return to the beginning of the voice menu.
- Line 1 messages are played first when accessing the TA-180 remotely unless there are no messages recorded in Line 1.

## SAVE ALL MESSAGES MANUALLY

If you do not erase individual messages during playback, the TA-180 will automatically save them when you hang up. If you erase all messages (3 key) and then change your mind, deciding to save messages:

1 Press **2** on the telephone keypad after hearing *"End of messages"* or during the remote voice menu.



2 All messages will be saved in Line 1 and 2 unless you have erased individual messages during playback. Select another option or hang up.

NOTE:

- Enter **0** at any time during the remote menu to return to the beginning of the voice menu.

## REMOTE VOICE MENU Quick Reference Chart

Enter **1** to REPLAY.

Enter **2** to SAVE.

Enter **3** to ERASE.

Enter **4** to RECORD MESSAGE.\*

Enter **5** to RECORD NEW GREETING.\*

Enter **6** to SELECT GREETING.

Enter **7** to PLAY MESSAGE FILE.

Enter **0** at any time during the remote menu to RETURN TO THE BEGINNING of the voice menu.

\* You must enter "0" to stop recording and return to voice menu.



Cut along the dotted line for a wallet sized remote access guide.

# 24 REMOTE OPERATION (CONT.)

## ERASE ALL MESSAGES

Erase all messages remotely.

- 1 Press **3** on the telephone keypad after hearing "End of messages" or during the remote voice menu. All messages will be erased.



NOTE:

- If the voice menu continues playing after you enter the **3** key from a remote phone, press **3** again to erase all messages. If the voice menu returns to option 1 after pressing **3**, all messages will be erased.
- Enter **0** at any time during the remote menu to return to the beginning of the voice menu.
- If erase is selected (3 key), all Line 1 and Line 2 messages will be erased. Message File messages will be saved.

## ERASE INDIVIDUAL MESSAGES

Erase specific messages during remote playback.

- 1 Press the **3** key on your touchtone phone while listening to a specific message. The message will be deleted immediately after you hear "End of messages."



If you change your mind and decide to save the message:

- 1 Press the **2** key (save) at least two seconds after pressing the **3** key (erase) and before the end of the same message.



NOTE:

- Enter **0** at any time during the remote menu to return to the beginning of the voice menu.
- Messages are recorded and stored on the line used to access the TA-180 remotely.

OR

- 1 Skip backwards (press **\*** key twice) to the message that you want to save before you hear "End of messages" and press the **2** key during the message that you want to save.



- 2 Selective erase will be canceled and the individual message will be saved.

## RECORD A MESSAGE

During remote operation, you can record a message.

- 1 Press **4** on the telephone keypad after hearing "End of messages" or during the remote voice menu to leave a message or reminder for yourself or another person using your answering machine.



- 2 The TA-180 confirms your action by saying, "Record new message." Record your message immediately after pressing **4**.

- 3 VERY IMPORTANT: Enter **0** immediately when finished recording. Messages are recorded and played back as new messages. The TA-180 stops recording and returns to the remote menu.

Choose another option or hang up.



## RECORD A NEW GREETING

During remote operation, you can record a new greeting 1 or new greeting 2.

- 1 Press **5** on the telephone keypad after hearing "End of messages" or during the remote voice menu. You will hear:



- 2 Press **1** or **2** on the keypad. You will hear:



- 3 Record a new greeting after the beep.

- 4 VERY IMPORTANT: Enter **0** when finished. The TA-180 stops recording and returns to the remote menu. Choose another option or hang up.



NOTE:

- Enter **0** at any time during the remote menu to return to the beginning of the voice menu.

## SELECT GREETING MODE

To change the current greeting mode:

- 1 Press **6** on the telephone keypad after hearing "End of messages" or during the remote voice menu. This will change the current greeting mode to the next greeting mode.



- 2 You will hear: "Greeting one to line one. Greeting one to line two."

NOTE:

- Enter **0** at any time during the remote menu to return to the beginning of the voice menu.

## PLAY MESSAGE FILE

Play all stored messages in message file.

- 1 Press **7** on the telephone keypad after hearing "End of messages" or during the remote voice menu. All message file messages will be played in order they were received.



NOTE:

- Enter **0** at any time during the remote menu to return to the beginning of the voice menu.

# 26 REMOTE OPERATION (CONT.)

## FORWARD MESSAGES TO MESSAGE FILE

Forward individual messages to Message File.

- 1 Press **7** during message playback. The message will be automatically transferred to message file and you will hear a double beep to confirm the message transfer.



- 2 The next message will play immediately after the double beep.

NOTE:

- Enter **0** at any time during the remote menu to return to the beginning of the voice menu.

## MESSAGE RETRIEVAL WHEN MEMORY IS FULL

If the TA-180's memory is full, you will hear your greeting followed by "Memory is full. Please erase messages."

To retrieve messages remotely when the TA-180's memory is full:

- 1 Enter your **3-DIGIT REMOTE ACCESS CODE** immediately after the beep.

To allow room for additional incoming messages, it is advisable to:

- 2 Erase all messages by pressing **3** on the keypad after you hear "End of messages."



OR

- 2 Erase a few individual messages by pressing **3** during message playback.



- 3 Follow the instructions on page 22 for remote message retrieval.

NOTE:

- The TA-180 will automatically disconnect if you attempt to record a message or record a new greeting when memory is full.

## REMOTE TURN-ON

If you left your home or office without turning on your TA-180, you can turn the machine on to answer Line 1, Line 2 or both lines.

- 1 Call in on the line you want answered (for example Line 1) and let the phone ring 15 times or more. The answering machine will turn on. You will hear your greeting and a beep confirming that the Line 1 answering machine is on. Callers can now leave messages on Line 1.

OR

- 1 If you want to turn on the TA-180 on your other line, hang up and call Line 2 and let the phone ring 15 times or more.

- 2 You can now enter your remote access code and use any of the remote features or simply hang up.

# OTHER CONNECTIONS

This TA-180 is designed to answer one or two telephone lines. If you have two separate telephone numbers, they will be wired in one of two ways:

- Two telephone numbers and two separate jacks (RJ11's)- one for each line.
- Two telephone numbers and one jack (RJ14)- one for both lines.

Determine which installation you have and refer to the correct page for installation instructions.

An RJ14 jack and a two-line telephone:

An RJ11 jack and a single-line telephone:

Two RJ11 jacks and a two-line telephone:

Two RJ11 jacks and two single line telephones:

Follow the instructions on page 4.

Follow the instructions below left.

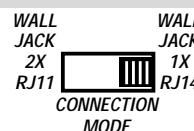
Follow the instructions below right.

Follow the instructions on page 28.

## CONNECTING THE TA-180 TO ONE TELEPHONE LINE ONLY

You can use the TA-180 to answer only one telephone line with an RJ11 (single line) jack or an RJ14 (two-line) jack.

- 1 Set the CONNECTION MODE SWITCH (located on the back of the unit) to "WALL JACK 1 X RJ14."



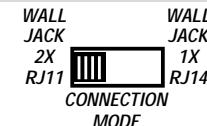
- 2 Plug the telephone cord attached to the back of the unit into the available telephone wall jack.

- 3 Plug a single line telephone into the jack on the back of the unit labeled, "TO TELEPHONE." The answering machine is set to answer Line 1 only.

- 4 Continue setting up by following the INSTALLATION INSTRUCTIONS on page 4.

## CONNECTING THE TA-180 TO TWO SINGLE LINE JACKS (RJ11) AND A TWO-LINE TELEPHONE

- 1 Set the CONNECTION MODE SWITCH (located on the back of the unit) to "WALL JACK 2 X RJ11."



- 2 Plug the telephone cord attached to the back of the unit into the Line 1 wall jack.

- 3 Plug one end of the modular telephone cord (included in this package) into the jack on the back of the unit labeled "LINE 2 RJ11." Plug the other end into the telephone wall jack for Line 2.

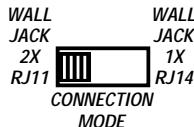
- 4 Plug a two-line telephone into the jack on the back of the unit labeled, "TO TELEPHONE."

- 5 Continue setting up by following the INSTALLATION INSTRUCTIONS on page 4.

# 28 ADDITIONAL INFORMATION

## CONNECTING THE TA-180 TO TWO SINGLE LINE JACKS (RJ11) AND TWO SINGLE LINE TELEPHONES

**1** Set the CONNECTION MODE SWITCH (located on the back of the unit) to "WALL JACK 2 X RJ11."



**2** Plug a "T-adapter" (available from CASIO PHONEMATE's Parts Department or many retail outlets) into each telephone wall jack.

**3** Plug the telephone cord attached to the back of the unit into the T-adapter connected to the Line 1 wall jack.

**4** Plug a single line telephone into the T-adapter connected to the Line 1 wall jack. (Alternatively, you may plug a single-line telephone directly into the jack on the back of the unit labeled "TO TELEPHONE." This avoids the need for a T-adapter at the Line 1 wall jack for Line 1.)

**5** Plug one end of the modular telephone cord (included in this package) into the jack on the back of the unit labeled "LINE 2 RJ11." Plug the other end into the T-adapter connected to the telephone wall jack for Line 2.

**6** Plug another single line telephone into the T-adapter connected to the Line 2 wall jack.

**7** Continue setting up by following the INSTALLATION INSTRUCTIONS on page 4.

## MULTI-LINE INSTALLATION

Installations with more than two lines, such as business phone systems, may require a separate RJ11 jack for answering machines. Please contact your telephone equipment provider for additional information. You can use the TA-180 as an extension phone on a business phone system, but some systems will require that you install an A+A1 Adapter to light the in-use indicator on the receptionist's console. See the accessory order form on the last page of this owner's guide to order an A+A1 Adapter.

## CLEANING THE TA-180

**CAUTION:** Disconnect the TA-180 from the power outlet before cleaning.

Use only a damp cloth or moist sponge to clean the plastic cabinet. A mild soap, like dishwashing detergent, will help remove grease or oil. Do not spray cleaners directly onto the unit. Cleaners should only be used on the plastic surfaces.

# LIMITED WARRANTY

## IMPORTANT!

### SALES SLIP OR EVIDENCE OF PURCHASE DATE REQUIRED

This limited warranty gives you specific legal rights; you may also have other rights which vary from state to state.

The limited warranty is extended only to the original consumer of a CASIO PHONEMATE product and is valid only with respect to consumers within the United States of America and Canada. Subject to the following conditions, should this product prove defective by reason of improper workmanship or material:

During the period of one (1) year from the date of original purchase, CASIO PHONEMATE will repair or, at its option, replace the product without charge for parts or labor. If CASIO PHONEMATE elects to replace the product, such replacement may be accomplished with a factory-reconditioned unit.

This limited warranty does not apply: (a) to any product damaged by accident, misuse, improper line voltage, lightning, fire, water, or other acts of nature, (b) if the product is altered or repaired by anyone other than CASIO PHONEMATE, INC. or one of its authorized warranty stations or if the FCC-approved connector plugs are removed. This limited warranty does not cover tapes or broken or marred cabinets.

Except to the extent prohibited by applicable law, all implied warranties made by CASIO PHONEMATE in connection with this product are limited in duration to a period of one (1) year from the date of original purchase, and no warranties, whether expressed or implied, shall apply to this product after said period.

Should this product prove defective in workmanship or material, the consumer's sole remedies shall be such repair or replacement as is hereinabove provided. Under no circumstances shall CASIO PHONEMATE be liable for any loss or damage, direct, consequential, or incidental arising out of the use of or inability to use this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

In order to obtain warranty service, you must provide evidence of purchase date. For your convenience, keep the dealer's dated bill of sale or delivery ticket as evidence of the purchase date.

Before returning or exchanging your product,  
call CASIO PHONEMATE's HelpLine at  
(310) 320-9810.

If you live in an area that is highly susceptible to electrical storms, you may want to purchase a Lightning Arrestor. The Lightning Arrestor attaches to your answering machine and if lightning causes a surge through your phone line, the arrestor will help suppress the surge of electricity which may cause damage to your unit.

To purchase your Lightning Arrestor, use the attached Accessory Order Form or call CASIO PHONEMATE's Parts Department toll free: 1-800-322-9995.

## FACTORY SERVICE CENTERS

CASIO PHONEMATE, INC.  
Attn: Service Center  
20665 Manhattan Place  
Torrance, CA 90501  
(310) 328-6453

CASIO PHONEMATE, INC.  
Attn: Service Center  
8805 Kelso Drive  
Baltimore, MD 21221  
(410) 391-0974

# 30 TROUBLESHOOTING

## Recorded messages are cut off.

The TA-180 is designed to disconnect from the line after a caller stops talking. Calls may be cut off if a 5 second pause is detected, if the caller does not speak loud enough, or if the message is less than four seconds.

The TA-180 will also stop recording when a call is answered with the speakerphone or extension phone.

## The TA-180 does not respond when you enter your remote access code during the greeting.

Try re-entering the correct code after the tone.

## Between messages there is an operator recording or a beep and dial tone.

The caller has hung up without leaving a message.

## You have more than two telephone numbers and are experiencing difficulty.

See MULTI-LINE INSTALLATION, page 28.

## There is no sound during playback.

Check and adjust the volume control.

## Calls on hold are disconnected.

The call placed on hold may have exceeded five minutes in length. Please review the HOLD section on page 17.

## Unit rings but does not answer calls.

Make sure the TA-180 is turned on. See the ON/OFF section on page 5.

## All messages are stamped with "Sunday, 12:00 a.m."

Program time and date. See SET VOICE TIME/DAY STAMP on page 6.

## The unit does not automatically stop playing the greeting or recording a message when you pick up an extension phone.

Briefly press and release the hook-switch on the extension phone.

## Messages were not erased after playback.

If you want all messages to be erased, press **ERASE/FLASH** within seven seconds of seeing "End" in the display and hearing "End of messages."

## The MESSAGE INDICATOR flashes rapidly.

If you are installing your TA-180 for the first time, or you have experienced a power failure, make sure that your unit is connected to a telephone line. Then press **PLAY/PAUSE 1 or 2** to restore machine operation.

## The unit does not record incoming messages.

1. Memory may be full, please see page 14 on erasing individual messages.
2. Announce only mode may be activated. If announce only is ON, the machine will play the greeting, but will not record incoming messages. Please see page 9.
3. The volume may be too low for you to hear the greeting and the caller's message.
4. The machine may have been accidentally turned OFF. If the machine is turned OFF, indicator lights will not be lit.
5. The caller may have hung up within 4 seconds of the machine answering a call, and therefore the TA-180 will not record a message.

6. In certain situations, your local telephone company may transmit signals that are recorded by your machine without any associated message.
7. No calls were actually received by the TA-180.

## Greeting sounds garbled or difficult to hear.

Strictly follow the guidelines for recording your greeting:

1. Speak loudly and clearly about 7 inches from the base unit microphone.
2. Avoid any background noise.
3. Greeting should be recorded using the voice of only one person.

## Part of the greeting is cut off.

Long pauses in your greeting (more than 2 seconds) can cause the machine to stop recording. Record a new greeting.

## There is a high pitched sound during call screening.

This is feedback. Turn the volume down.

## After several attempts the TA-180 will not operate properly.

To reset the TA-180, hold down the LINE 1 or LINE 2 ON/OFF button (under lid) while simultaneously reinserting the AC Adapter Plug into the back of the unit until a beep is heard (about 3 seconds). The AC Adaptor must be plugged into the wall. All saved messages, greetings, the Time/Day Stamp and machine settings will be deleted. Re-record the greetings, set the Time/Day Stamp and reset any other machine settings.

If this action does not remedy the problem, call the CASIO PHONEMATE Helpline. CASIO PHONEMATE's Helpline staff can often resolve problems and will recommend repair service when needed.

Unless you live close to a CASIO PHONEMATE Service Center, you may be required to mail a product to CASIO PHONEMATE for repair. To mail the product to the service center you should:

1. Package the unit in its original box or a comparable package.
2. Include a clear and specific explanation of the problem.
3. Include your name, address, and phone number.
4. Provide a legible photocopy of the dated store receipt for warranty purposes.

## FACTORY SERVICE CENTERS

**CASIO PHONEMATE, INC.**  
Attn: Service Center  
20665 Manhattan Place  
Torrance, CA 90501  
(310) 328-6453

**CASIO PHONEMATE, INC.**  
Attn: Service Center  
8805 Kelso Drive  
Baltimore, MD 21221  
(410) 391-0974

Should you have additional questions, please call CASIO PHONEMATE's Helpline, from 8 a.m. to 4 p.m. (Pacific Time), at (310) 320-9810 for assistance.

# FCC REQUIREMENTS

## USER INSTRUCTIONS

1. This equipment complies with Part 68 of the FCC rules. On the bottom of this equipment is a label that contains, among other information, the FCC registration number and Ringer Equivalence Number (REN) for this equipment. If requested, provide this information to your telephone company.
2. The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.
3. If your answering machine causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice is not practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC.
4. Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.
5. If there is a problem with this unit, the telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or you are sure that the equipment is not malfunctioning.
6. Repairs can only be made by the manufacturer or an authorized service agency. Unauthorized repairs void registration and warranty. Contact seller or manufacturer for details of permissible user-performed routine repairs, and where and how to have other than routine repairs made.
7. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

Jack: RJ11 Ringer Equivalence: See bottom/underside of the TA-180 unit.  
 CASIO PHONEMATE, Inc. 20665 Manhattan Place, Torrance, CA 90501

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes made by the user not approved by CASIO PHONEMATE can void the user's authority to operate the equipment. **This product is hearing aid compatible.**

# ACCESSORIES

To order accessories for your TA-180 answering machine, simply cut out this order form, fill in the appropriate information and send it with payment (check, money order or credit card information) to: CASIO PHONEMATE Parts Department, 8805 Kelso Drive, Baltimore, MD 21221 or Call: 1-800-322-9995 for credit card orders.

Description	Part No.	Price	Qty.	Total
<b>Lightning Arrestor</b> - Helps protect telephone devices from damage caused by lightning strikes to the telephone line. <i>Recommended for areas prone to electrical storms.</i>	2700140	\$19.95		
<b>AC Adapter</b> - For Model TA-180.	1601086	\$13.50		
<b>Modular Duplex T-Adapter</b> - Converts a single modular telephone jack to a double jack.	2700156	\$5.95		
<b>Modular Two Line T-Adapter</b> - Splits one RJ14 two line jack into two RJ11 single line jacks.	2700135	\$5.95		
<b>A+A1 Light Control</b> - When using the TA-180 answering machine with a business phone system, this accessory enables the in-use indicator at a receptionist's console to light when the phone is off-hook.	2701180	\$6.95		

Enclosed is my check/money order for the total amount.

**Subtotal**

CA & MD residents add applicable sales tax

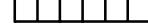
Please charge my credit card.

VISA     MasterCard

All orders add shipping and handling

**\$3.50**

Card No. 

Expiration Date 

Name 

Street Address 

City  State  Zip Code 

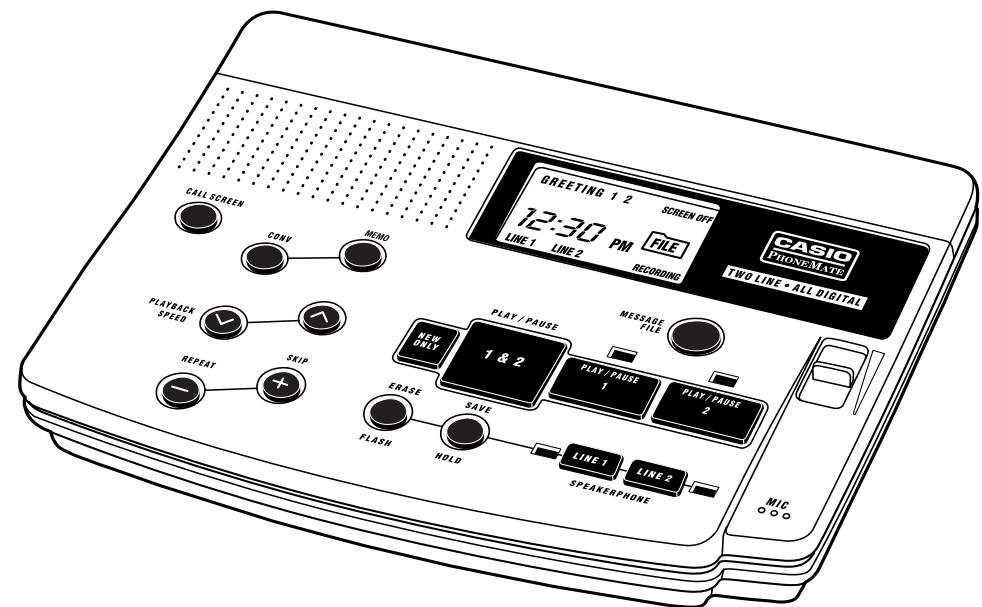
Signature  Telephone 

Please fill in the quantity and total price of the items that you are requesting. Figure the total and send a check or money order for the proper amount. We do not accept C.O.D. orders. Allow 15 working days for delivery. Prices subject to change without notice. Returns subject to 20% restocking charge upon approval.



EASY TO USE  
OWNER'S  
GUIDE

# TA-180 2-LINE DIGITAL ANSWERING MACHINE WITH SPEAKERPHONE



CASIO PHONEMATE, INC.  
20665 Manhattan Place  
Torrance, CA 90501

Internet website address:  
<http://www.casiophonemate.com>

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Printed in Malaysia

# IMPORTANT SAFETY INSTRUCTIONS

# TA-180 FEATURES

## INSTALLATION INSTRUCTIONS

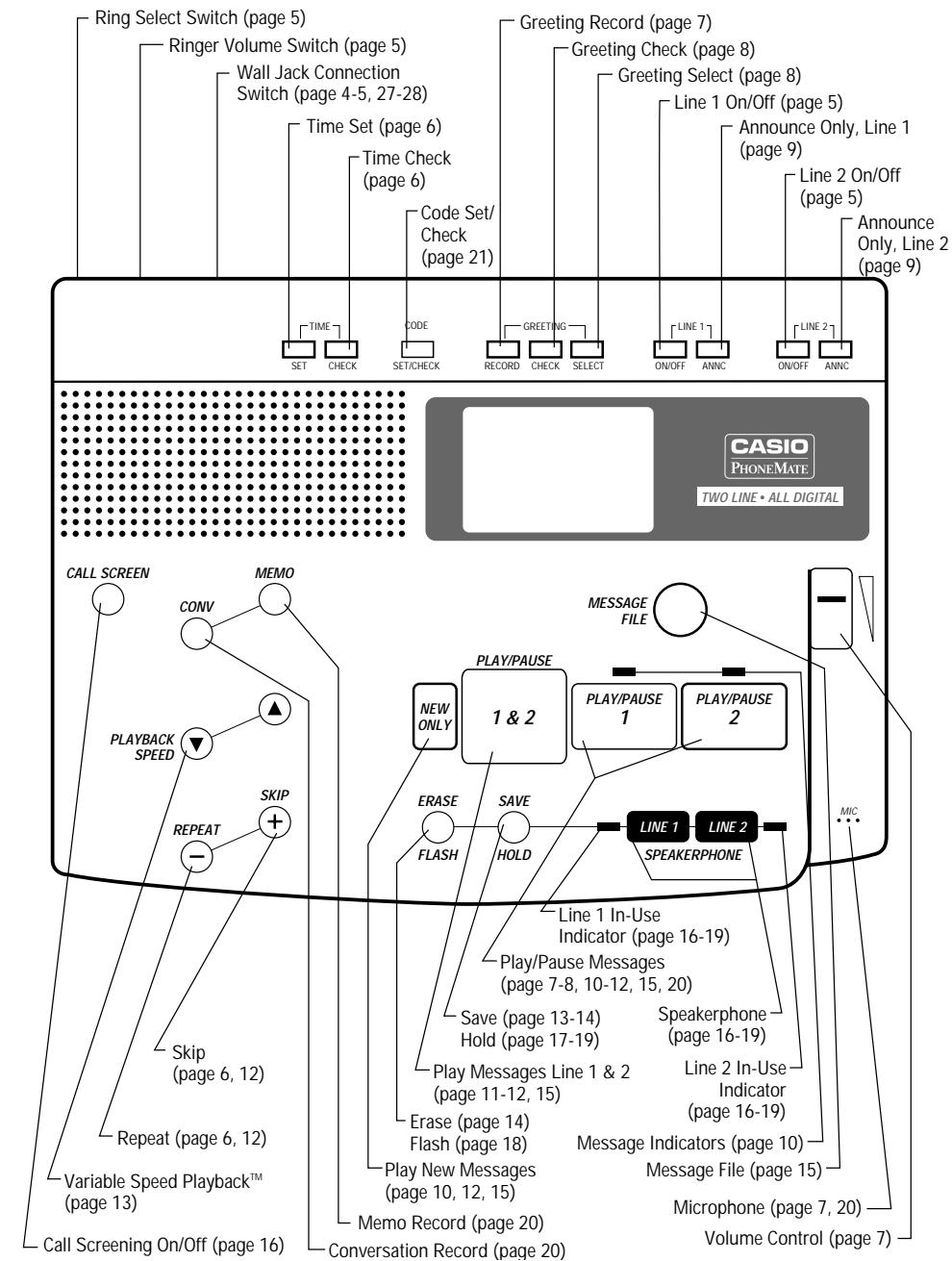
1. Never install telephone wiring during a lightning storm.
2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
4. Use caution when installing or modifying telephone lines.

## SAFETY PRECAUTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water: for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious product damage.
6. Slots and openings in the cabinet and the back or bottom are provided for ventilation. To protect it from overheating, these openings must not be blocked or covered by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in an enclosed environment unless proper ventilation is provided.
7. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by animals or persons walking on it.
8. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.
9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. To reduce the risk of electric shock, do not disassemble this product. Take it to a qualified serviceperson when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect re-assembly can cause electric shock when the appliance is subsequently used.
11. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - A. When the power supply cord or plug is damaged or frayed.
  - B. If liquid has been spilled into the product.
  - C. If the product has been exposed to rain or water.
  - D. If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
  - E. If the product has been dropped or the cabinet has been damaged.
  - F. If the product exhibits a distinct change in performance.
12. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
13. Do not use the telephone to report a gas leak while near the leak.

## SAVE THESE INSTRUCTIONS



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